

DMR Copy of Record

Permit

Permit #:

MA0004936

Major:

Yes

Permitted Feature:

001
External Outfall

Permittee:

PATRIOT BEVERAGES, LLC

Permittee Address:

C/O CPF, INC. 25 COPELAND DR.
AYER, MA 01432

Discharge:

001-A
PROCESS WATER

Facility:

PATRIOT BEVERAGES LLC

Facility Location:

20 HAVARD ROAD
LITTLETON, MA 01460

Report Dates & Status

Monitoring Period:

From 11/01/21 to 11/30/21

DMR Due Date:

12/15/21

Status:

NetDMR Validated

Considerations for Form Completion

REPORT MAXIMUM + TOTAL FLOW RATES FOR EACH OPERATING DAY. * *

Principal Executive Officer

First Name:

Donald

Last Name:

Fossett

Title:

Chief Wastewater Operator

Telephone:

978-339-5905

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample										=	50.0	15 - deg F	0	01/07 - Weekly	GR - GRAB
					Permit Req.										<=	83.0 DAILY MX	15 - deg F			
					Value NODI															
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample					=	7.51						19 - mg/L	0	01/07 - Weekly	GR - GRAB
					Permit Req.					>=	7.0 MINIMUM						19 - mg/L			
					Value NODI															
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample								<	2.0	=	2.0	19 - mg/L	0	01/07 - Weekly	24 - COMP24
					Permit Req.								<=	10.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L			
					Value NODI															
X00400	pH	1 - Effluent Gross	0	--	Sample					=	7.9				=	8.6	12 - SU	1	01/01 - Daily	GR - GRAB
					Permit Req.					>=	6.5 MINIMUM				<=	8.3 MAXIMUM	12 - SU			
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								=	4.0	=	7.0	19 - mg/L	0	01/07 - Weekly	24 - COMP24
					Permit Req.								<=	10.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L			
					Value NODI															
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample										<	2.0	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.										<=	15.0 DAILY MX	19 - mg/L			
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample	<	0.1	<	0.1	26 - lb/d			<	0.1	<	0.1	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	26 - lb/d				Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI															
X00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample	=	0.55	=	1.34	26 - lb/d	=	0.37			=	0.89	19 - mg/L	1	01/07 - Weekly	24 - COMP24
					Permit Req.	<=	0.46 MO AVG	<=	1.25 DAILY MX	26 - lb/d		Req Mon MO AVG				Req Mon DAILY MX	19 - mg/L			
					Value NODI															
01104	Aluminum, total recoverable	1 - Effluent Gross	0	--	Sample					=	0.05				=	0.05	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.					<=	0.1 MO AVG					Req Mon DAILY MX	19 - mg/L			
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.224	=	0.37	03 - MGD								0	99/99 - Continuous	RC - Recorder (auto)
					Permit Req.	<=	0.55 MO AVG	<=	0.75 DAILY MX	03 - MGD										
					Value NODI															
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample					=	0.0				=	0.0	28 - ug/L	0	01/07 - Weekly	GR - GRAB
					Permit Req.					<=	12.0 MO AVG				<=	21.0 DAILY MX	28 - ug/L			
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					

00665	Phosphorus, total [as P]	1 - Effluent Gross	Quantity or Loading Sample Value 1	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes
00665	Phosphorus, total [as P]	1 - Effluent Gross	Quantity or Loading Sample Value 2	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes
00400	pH	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

Comments

On 11/29/21 The town of Littleton had a scheduled power outage to do some line work on Harvard Rd. We lost our final pH probe link to our SCADA Recording which caused our reading to read incorrectly for that 24 hour period. The Total phosphorous high reading was due to a pump failure. The failure was found on the 25th and repaired.

Attachments

Name	Type	Size
DEPPProcessNOV2021.xlsx	xlsx	111533.0
Signedpg1NOVDMR2021.pdf	pdf	246887.0
NOV2021OffSiteWastewater.xlsx	xlsx	25119.0
SignedDEPpg1NOV2021.pdf	pdf	472460.0

Report Last Saved By

PATRIOT BEVERAGES, LLC

User: JAADF1957

Name: Donald Fossett

E-Mail: dfossett@patriotbev.com

Date/Time: 2021-12-10 12:16 (Time Zone: -05:00)

Report Last Signed By

User: JAADF1957

Name: Donald Fossett

E-Mail: dfossett@patriotbev.com

Date/Time: 2021-12-10 12:50 (Time Zone: -05:00)